10/518064 905 Rec'd PCT/PTO 13 DEC 2001

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unlass it contains a valid OMB control number.

Complete if Known

Application Number

Filing Date

First Named Inventor Anthony D. Eastham

Art Unit A PARTICLE BEAM ...

Examiner Name

Attorney Docket Number HGF P-4002-1 Sheet 1 of 1 U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Name of Patentee or Examiner **Document Number** Publication Date Applicant of Cited Document Relevant Passages or Relevant MM-DD-YYYY Initials* Figures Appear Number-Kind Code² (F known) ^{US-} 6,369,385 4/9/2002 Muray et al. ر تھا W US- 6.023,060 Chang et al. 2/8/2000 US-US-ŪS-US-US-US US-US. US. US-US-US-USus-US-

| | | FORE | IGN PATENT DOCU | MENTS | | |
|-----------------------|--------------|--|-----------------------------|--|---|----|
| Examiner Initials* | Cite No.1 | Foreign Patent Document Country Code ³ "Number ⁴ "Kind Code ⁶ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | ⊤° |
| | | | | | | |
| | | | | | | |
| | | | | | | ╁ |
| | | | | | | |
| | | | | | | L |
| | | | | | | L |

| Examiner | -7 > 5 11 A 11 A 11 | Date | 1.1 /2 |
|-----------|---------------------|------------|----------|
| Signature | ZIA D. HAGHMI | Considered | 11/22/05 |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 2See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 5Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.